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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/829,236	04/22/2004	Shinji Hara	1248-0717PUS1	7120

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FALLS CHURCH, VA 22040-0747

EXAMINER
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GLENN, KIMBERLY E

ART UNIT	PAPER NUMBER
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2817

NOTIFICATION DATE	DELIVERY MODE
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11/07/2008

ELECTRONIC

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

mailroom@bskb.com

<b>Office Action Summary</b>	<b>Application No.</b> 10/829,236	<b>Applicant(s)</b> HARA, SHINJI	
	<b>Examiner</b> KIMBERLY E. GLENN	<b>Art Unit</b> 2817	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 19 June 2008.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-41 is/are pending in the application.
- 4a) Of the above claim(s) 41 is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-40 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☒ Claim(s) 1-41 are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 22 April 2004 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All    b) ☐ Some \*    c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- |  |   |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892)                       | 4) <input type="checkbox"/> Interview Summary (PTO-413)           |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)   | Paper No(s)/Mail Date. _____                                      |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date <u>7/21/04 8/27/07</u> .   | 6) <input type="checkbox"/> Other: _____                          |

## DETAILED ACTION

### *Election/Restrictions*

Applicant's election without traverse of Species I claims 1-40 in the reply filed on 6/19/08 is acknowledged.

Claim 41 has been withdrawn from further consideration pursuant to 37 CFR 1.142(b) as being drawn to a nonelected Species II, there being no allowable generic or linking claim. Election was made **without** traverse in the reply filed on 6/19/08.

### *Claim Rejections - 35 USC § 112*

The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

Claims 1-40 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

#### Claim 1

In lines 7 and 9 of the claim, applicant recites "circuit blocks". Applicant has only disclosed a single transmission circuit block. Is applicant referring to the transmission circuit block or a different set of circuit blocks?

In lines 8 and 14 applicant recites "an active circuit". Is applicant referring to the plurality of active circuits recited in line 4?

#### Claim 2

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In lines 8 and 12 of the claim, applicant recites "circuit blocks". Applicant has only disclosed a single transmission circuit block. Is applicant referring to the transmission circuit block or a different set of circuit blocks?

In line 14, applicant recites "an active circuit". Is applicant referring to the plurality of active circuits recited in line 4?

#### Claim 5

In lines 7 and 11 of the claim, applicant recites "circuit blocks". Applicant has only disclosed a single transmission circuit block. Is applicant referring to the transmission circuit block or a different set of circuit blocks?

In lines 9 and 14 applicant recites "an active circuit". Is applicant referring to the plurality of active circuits recited in line 4?

#### Claim 6

In lines 8 and 11 of the claim, applicant recites "circuit blocks". Applicant has only disclosed a single transmission circuit block. Is applicant referring to the transmission circuit block or a different set of circuit blocks?

In lines 12 and 14, respectively, applicant recites "a first stage active circuit" and "a second stage active circuit". Is applicant referring to the plurality of active circuits recited in line 4?

#### Claim 9

In lines 9, 13, and 20 of the claim, applicant recites "circuit blocks". Applicant has only disclosed a single transmission circuit block and a reception circuit block. Is applicant referring to the transmission circuit block and the reception circuit block?

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In lines 10 and 16 applicant recites "an active circuit". Is applicant referring to the plurality of active circuits recited in line 4?

In line 5 of the claim applicant recites "an antenna" and "a plurality of active circuits". Is applicant referring to the antenna and plurality of active circuit recited in lines 3 and 4 of the claim?

In lines 21 and 26 of the claim applicant recites "an input terminal of an active circuit ". Is applicant referring to the input terminal of active circuit recited in line 14? Also is applicant recited to the plurality of active circuit recited in line 4 or line 5?

In line 22 of the claim applicant recites f the antenna". Is applicant referring to the antenna recited in line 3 or line 5?

In line 25 of the claim applicant recites "an output terminal of an active circuit ". Is applicant referring to the input terminal of active circuit recited in line 16? Also is applicant recited to the plurality of active circuit recited in line 4 or line 5?

Claim 10

In 15, 20 and 23 of the claim, applicant recites "circuit blocks". Applicant has only disclosed a single transmission circuit block and a reception circuit block. . Is applicant referring to the transmission circuit block and the reception circuit block?

In lines 15, 17, 24 and 26 applicant recites ", a final stage active circuit, an active circuit, a first stage active circuit and a second stage active circuit". Is applicant referring to the plurality of active circuits recited in line 4? In

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In line 5 of the claim applicant recites "an antenna" and "a plurality of active circuits". Is applicant referring to the antenna and plurality of active circuit recited in lines 3 and 4 of the claim?

Claim 11

In lines 4 of the claim, applicant recites "circuit blocks". Applicant has only disclosed a single transmission circuit block. Is applicant referring to the transmission circuit block or a different set of circuit blocks?

Claim 12

In lines 4 of the claim, applicant recites "circuit blocks". Applicant has only disclosed a single transmission circuit block. Is applicant referring to the transmission circuit block or a different set of circuit blocks?

In line 7 applicants recites "an active circuit". Is applicant referring to the plurality of active circuits recited in line 4?

Claim 13

In lines 4 and 6 of the claim, applicant recites "circuit blocks". Applicant has only disclosed a single transmission circuit block. Is applicant referring to the transmission circuit block or a different set of circuit blocks?

Claim 14

In lines 3 and 6 of the claim, applicant recites "circuit blocks". Applicant has only disclosed a single transmission circuit block. Is applicant referring to the transmission circuit block or a different set of circuit blocks?

In line 7, applicant recites "an active circuit". Is applicant referring to the plurality of active circuits recited in line 4?

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Claims 15 and 16

In line 4 of each of the claims, applicant recites "circuit blocks". Applicant has only disclosed a single transmission circuit block. Is applicant referring to the transmission circuit block or a different set of circuit blocks?

Claims 17 and 18

In lines 4 and 6 of each of the claims, applicant recites "circuit blocks". Applicant has only disclosed a single transmission circuit block. Is applicant referring to the transmission circuit block or a different set of circuit blocks?

Claim 19

In lines 6, 10, and 16 of the claim applicant recites "a plurality of active circuit" and "an active circuit". Is applicant referring to the plurality of active circuits recited in line 4 or a different set of active circuits?

In lines 11, 12, 15, 20, 23, 26, 28, 31, 33, 34, 36 and 39 of the claim applicant recites "the antenna". Is applicant referring to the antenna disclosed in line 3 or the antenna disclosed in line 5?

In lines 26 and 31, applicant recites "an input terminal of an active circuit". Is applicant referring to the input terminal of an active circuit disclosed in line 14?

In lines 30, applicant recites "an output terminal of an active circuit". Is applicant referring to the output terminal of an active circuit disclosed in line 10?

In lines 36 and 37, applicant recites "a substrate". Is applicant referring to the substrate disclosed in line 20?

In lines 9, 13, 18, 25, and 34 applicant recites "circuit block". Is applicant referring to the transmission or reception circuit block?

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Claim 20

In lines 15, 17, 22, 29,31, and 35 of the claim applicant recites “ a final stage active circuit ”, “a first stage active circuit” , “ a second stage active circuit” and “ an active circuit”. Is applicant referring to the plurality of active circuits recited in line 4 and 7 or a different set of active circuits?

In lines 13, 20, 26 and 32, of the claim applicant recites “the antenna”. Is applicant referring to the antenna disclosed in line 3 or the antenna disclosed in line 6?

In lines 11, 15, 19, 25, 28, applicant recites “circuit block”. Is applicant referring to the transmission circuit block, the reception circuit block or the active circuit blocks?

Claim 21

In lines 10, 14, 16, 19, 21, 22, 27, 30 and 32 of the claim applicant recites “an active circuit” or “ the active circuit. Is applicant referring to the plurality of active circuits recited in line 4, or line 6 or a different set of active circuits?

In lines 12 15, 18, 20, 23, 26, 28, 31, 33, 34, 36 and 39 of the claim applicant recites “the antenna”. Is applicant referring to the antenna disclosed in line 3 or the antenna disclosed in line 5?

In lines 9, 20, 21, 25, 29, 34 36 and 37 applicant recites “circuit block”. Is applicant referring to the transmission or reception circuit block?

Claim 22

In lines 16, 17, 22, 29 and 31 of the claim applicant recites “ a final stage active circuit ”, “a first stage active circuit” , “ a second stage active circuit” and “ an



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active circuit". Is applicant referring to the plurality of active circuits recited in line 4 and 7 or a different set of active circuits?

In lines 13, 20, 26 and of the claim applicant recites "the antenna". Is applicant referring to the antenna disclosed in line 3 or the antenna disclosed in line 6?

In lines 11, 15, 19, 21, 25, 28, 32, and 34 applicant recites "circuit block". Is applicant referring to the transmission circuit block, the reception circuit block or the active circuit blocks?

#### Claims 35-40

In line 3 of each of the claims, applicant recites "circuit blocks". Applicant has only disclosed a single transmission circuit block. Is applicant referring to the transmission circuit block or a different set of circuit blocks?

Any inquiry concerning this communication or earlier communications from the examiner should be directed to KIMBERLY E. GLENN whose telephone number is (571)272-1761. The examiner can normally be reached on Monday-Friday 7:30 to 4:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Robert Pascal can be reached on (571)-272-1769. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

**/BENNY LEE/  
PRIMARY EXAMINER  
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Kimberly E Glenn  
Examiner  
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